

Rubenchik, I.I., et al. 1972
Preparation of biological pure cultures of some blue-
green algae (O poluchenii bakteriologicheskii chistykh
kul'tur nekotorykh sinizelenykh vodoroslei)
Gidrobiologicheskii zhurnal, 8(3): 114-118. In Russian.

Transl. by ST for AFS, 1973, pp. 93-96 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
oy. \$18.00, yearly subsc. (6 issues) \$60.00.

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Original Article Checked. ⁴²MS

Riabov, A.K., B.I. Nabivanets, and
Z.S. Litvinenko

1972

Determination of bichromate oxidizability of water with
trapping of volatile organic compounds (Opredelenie
bikhromatnoy oksisliaemosti vody s ulavlivaniem letuchikh
organicheskikh soedinenii)
Gidrobiologicheskii zhurnal, 8(3): 119-124. In Russian.

Transl. by ST for AFS, 1973, pp. 97-101 in "Hydrobiological
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Original Article Checked *AK*

Sirenko, L.A., and I.M. Menitskaia 1972
Isolation and purification of blue-green algae
bilichromoproteins (Vydelenie i oshistka bilikhromoproteidov
sinezelenykh vodoroslei)
Gidrobiologicheskii zhurnal. 8(3): 124-130. In Russian.

Transl. by ST for AFS, 1973, pp. 101-106 in "Hydrobiological
Journal" (transl. of entire issue). Avail. AFS, price per
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Original Article Checked *MR*

Koslova, I.V.

1972

Calculation of total zooplankton production with specific
reference to Ural lakes (Opyt rascheta obshchei produktzii
zooplanktona na primere ural'skikh ozer)
Gidrobiologicheskii zhurnal, 8(3): 130-136. In Russian.

Transl. by ST for AFS, 1973, pp. 106-111 in "Hydrobiological
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Original Article Checked.....*R*

Trifonova, I.S.

Phytoplankton of the Upper Yenisei prior to construction
of the Sayan Reservoir (Fitoplankton Verkhnego Eniseia do
obrazovaniia Saianskogo vodokhranilishcha)
Gidrobiologicheskii zhurnal, 8(4): 5-10. In Russian. 1972

Transl. by ST for AFS, 1973, pp. 1-5 in "Hydrobiological
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Original Article Checked. *MR*

Trunova, O.N. 1972
Protozoa as antagonists of pathogenic aquatic microflora
and a component of the biomass of fodder (Prosteishie -
antagonisty patogennoi mikroflory vodnoi sredy i komponent
kormovoi biomassy)
Gidrobiologicheskii zhurnal, 8(4): 11-15. In Russian.

Transl. by ST for AFS, 1973, pp. 6-9 in "Hydrobiological
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Original Article Checked.....^{MR}

Kornienko, O.S.

Protozoa in plankton of natural water of the Kuban' region 1972
(Infuzorii v sostave planktona estestvennykh vodoemov Kubani)
Gidrobiologicheskii zhurnal, 8(4): 16-26. In Russian.

Transl. by ST for AFS, 1973, pp. 10-18 in "Hydrobiological
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Original Article Checked.....*AK*

Gurvich, V.V., E.P. Nakhshina, and
I.K. Palamarchuk

1972

Abundance of micro- and mesobenthos as a function of the
composition of the soil (Razvitie mikro- i mezobentosa v
zavisimosti ot sostava gruntov)
Gidrobiologicheskii zhurnal, 8(4): 27-34. In Russian.

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Original Article Checked. *MR*

Pidgaiko, M.I., and S.A. Krazhan 1972
Invertebrate fauna of ponds in the Ingulets irrigation
area (O faune bespozvonochnykh prudov Inguletskogo massiva
orosheniia)
Gidrobiologicheskii zhurnal, 8(4): 35-40. In Russian.

Transl. by ST for AFS, 1973, pp. 26-30 in "Hydrobiological
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Original Article Checked. *MR*

Nekrasova, M. Ia.

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Zoobenthos stock and production in Gulf of Taganrog
(Zapasy i produktsiia zoobentosa Taganrozhskogo zaliva)
Gidrobiologicheskii zhurnal, 8(4): 41-47. In Russian.

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Original Article Checked. *MR*

Timoshina, L.A., and A.A. Shabalina 1972
Effect of starvation on the dynamics of concentration of
amino acid and free fatty acid in rainbow trout (Vliianie
golodaniia na sostav aminokislot i neesterifitsirovannykh
zhirnykh kislot u radushnoi foreli)
Gidrobiologicheskii zhurnal, 8(4): 48-54. In Russian.

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Original Article Checked *AK*

Vorob'ev, V.I., et al. 1972

Time changes in concentrations of trace elements in the organs and tissues of some commercial fishes of the Volga Delta (Dinamika mikroelementov v organakh i tkaniakh nekotorykh promyslovyykh ryb del'ty r. Volgi) Gidrobiologicheskii zhurnal, 8(4): 55-59. In Russian.

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Original Article Checked *12*.

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Alteration of the amino acid content of the ide induced
by blue-green algae (izmenenie aminokislotochnogo sostava tela
iazia pod vliianiem sinexelenykh vodoroslei)
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Original Article Checked *MM*

Sherstiankin, P.P., V.M. Kaplin, and

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V.N. Maksimov

Vertical distribution of transparency in Lake Baikal during the under-ice period, and its relation to biological characteristics (Vertikal'noe raspredelenie prozrachnosti v podlednyi period na Baikale i ee svyaz' s biologicheskimi pokazateliami)

Gidrobiologicheskii zhurnal, 8(4): 65-68. In Russian.

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Original Article Checked *NR*

Boldyk, N.M., E.B. Kaganovich, and
K.M. Kaminer

1972

The Black Sea Phyllophora brodiaei (Turn.) J. Ag., a
promising alga for commercial exploitation (Chernomorskaya
Phyllophora brodiaei (Turn.) J. Ag. - perspektivnaya
promyslovaya vodorosli')
Gidrobiologicheskii zhurnal, 8(4): 71-75. In Russian.

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Salmanov, M.A.

1972

Phytoplankton production near the eastern shores of the central Caspian (Produksiia fitoplanktona v vostochnom pribrezh'e Srednego Kaspiia) Gidrobiologicheskii zhurnal, 8(4): 71-75. In Russian.

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Original Article Checked *MR*

Kurdina, T.N., and V.G. Deviatkin 1972
Effect of heated waters of the Konakovo state regional
electric power plant on the oxygen content and phytoplankton
development in the Ivan'kovo Reservoir during the winter
(O vliianii podogretykh vod Konakovskoi GRES na soderzhanie
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Original Article Checked.....^{MR}

Zhuravell', P.A., and V.I. Zolotareva 1972
Length-weight characteristics of the shrimp Pontogammarus
crassus (Grimm.) Martinov from the Zaporozh'ye Reservoir
(Razmerno-vesovaya kharakteristika bokoplava Pontogammarus
crassus (Grimm.) Martinov iz Zaporozhskogo vodokhranilishcha)
Gidrobiologicheskii zhurnal, 8(4): 80-82. In Russian.

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Original Article Checked. *MR*

Kirillova, G.G., and V.A. Sokolova 1972
Zooplankton of the Kolyma-Indigirka Lakes (Zooplankton
Kolymo-Indigirskikh ozer)
Gidrobiologicheskii zhurnal, 8(4): 82-85. In Russian.

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Zelezinskaia, L.M. 1972
Fungus infections of marine Cladocera (K izucheniiu
gribkovykh infektsii morskikh Cladocera)
Gidrobiologicheskii zhurnal, 8(4): 85-87. In Russian.

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Original Article Checked. *WQ*

Davydov, O.N., and I.V. Strazhnik 1972
Some experimental data on the biology of Triacnophorus
nodulosus L. in the early developmental stages (Nekotorye
eksperimental'nye dannye po biologii Triacnophorus nodulosus
L. na rannikh stadiakh razvitiia)
Gidrobiologicheskii zhurnal, 8(4): 87-90. In Russian.

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Original Article Checked. 

Bull'on, V.V.

1972

Use of Sorokin's apparatus to determine the rate of gas exchange in aquatic animals by the radiocarbon method (Opyt primeneniia pribora Iu.I. Sorokina i opredeleniia intensivnosti gasoobmena vodnykh zhivotnykh radiouglerodnym metodom)

Gidrobiologicheskii zhurnal, 8(4): 91-97. In Russian.

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Original Article Checked. *MR*

Pikush, N.V. 1972
Calculation of water exchange and flow in a body of water
(Raschet vodoobmena i protokhnosti vodoemov)
Gidrobiologicheskii zhurnal, 8(4): 97-100. In Russian.

Transl. by ST for AFS, 1973, pp. 82-84 in "Hydrobiological
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Original Article Checked...

Berdyshev, G.D., and N.A. Protsenko 1972
Current theories on the mechanisms of the postspawning
death of Pacific salmon (Sovremennye predstavlenia o
mekhanizmach poslesterestovoi gibel' tikhookeanskikh lososей)
Gidrobiologicheskii zhurnal, 8(4): 101-111. in Russian.

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Original Article Checked 

Vinberg, G.G.

1972

Project Aqua: a source book of inland waters proposed for conservation, H. Luther, and J. Rzeska IBP handbook no. 21, IUCN occasional paper no. 2. Blackwell Scientific Publications, Oxford and Edinburgh ("Proekt Akva" - spravochnik po vnutrennim rodam, podlezhashchim okhrane) Gidrobiologicheskii zhurnal, 8(4): 112-113. In Russian.

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Original Article Checked ¹⁴⁰ AK

Tseeb, Ia.Ia.

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Freshwater fauna of the Caucasus by A.G. Kasymov, "Zlm"
Publishing House, Baku, 1972, 285pp. (A.G. Kasymov,
Presnovodnaia fauna Kavkaza)
Gidrobiologicheskii zhurnal, 8(4): 113-114. In Russian.

Transl. by ST for APS, 1973, pp. 95-96 in "Hydrobiological
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Original Article Checked. *12*

Kuz'menko, M.I., and N.A. Saenko 1972
Proceedings of the Symposium on the Culture of Algae
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Plenum Press, New York - London. 1970 (Svoistva vodoroslei
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Original Article Checked. *NR*

Liakhov, S.M. 1972
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Original Article Checked. *KK*

Salamov, D.A., and L.P. Braginskiy 1972
Protection of open bodies of water and underground water
against pollution by pesticides, by K.K. Vrochinskiy,
Medizdat, Kiev, 1971, 4pp. (K.K. Brochinskiy, Odkhrana
otkrytykh vodoemov i podzemnykh vod ot zagiarneniia
pestitsidami)
Gidrobiologicheskii zhurnal, 8(4): 117-118. In Russian.

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Journal" (transl. of entire issue). Avail. AFS, price per
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Original Article Checked *MR*

Kozhova, O.M.

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Thermal regime and biology of Lake Kenon, transactions of
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62, Chita, 1972 (Termicheskiy rezhim i biologiya ozera Kenon)
Gidrobiologicheskii zhurnal, 8(4): 118-119. In Russian.

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Original Article Checked. *Jan*

Telitchenko, M.M.

1972

Methods of hydrobiology (freshwater biology) by J. Schwoerbel, Pergamon Press, 1970, 200pp. (Metody gidrobiologii (presnovodnaia biologiiia) Gidrobiologicheskii zhurnal, 8(4): 119-120. In Russian.

Transl. by ST for APS, 1973, pp. 102-103 in "Hydrobiological Journal" (transl. of entire issue). Avail. APS, price per cy. \$18.00, yearly subsc. (6 issues) \$60.00.

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Bibliography of Soviet literature on freshwater hydro-
biology and allied fields 1971-1972 (no. 10) (Bibliografiia
otchestvennoi literatury po presnovodnoi gidrobiologii i
smezhnym voprosam 1971-1972 gg. (vyp. 10-1)
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Original Article Checked. *AK*

1972
Braginskii, L.P., and N.A. Lebedinskii
Development of problems relating to hydrobiology,
ichthyology, and utilization of the biological resources
of bodies of water (Razvitie problem gidrobiologii, ikhtiologii
i ispol'zovaniia biologicheskikh resursov vodoemov)
Gidrobiologicheskii zhurnal, 8(4): 130-131. In Russian.

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Vrochinskii, K.K. 1972
Protection of water resources against pollution and
exhaustion (October 21-22, 1971, Kishinev) (Problemy
okhrany vodnykh istochnikov ot zagriazneniia i istoshcheniia
(21-22 oktiabria 1971 g., Kishinev)
Gidrobiologicheskii zhurnal, 8(4): 132. In Russian.

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Symposium on the use of mathematical methods to assess
and forecast the actual danger of pesticide accumulation
in the environment and body (December 14-15, 1971, Kiev)
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otsenki i prognozirovaniia real'noi opasnosti nakopleniia
pestitsidov vo vnesheoi srede i organizme (14-15 dekabria
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Gidrobiologicheskii zhurnal, 8(4): 133-134. In Russian.

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Liashenko, A.F., and M.A. Poltavchuk
Nikolay Danilovich Belyy: In Memoriam (Pamiati Nikolaia
Danilovicha Belogo)
Gidrobiologicheskii zhurnal, 8(4): 135-136. In Russian.

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Original Article Checked. *MR*

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Pp.1-110.

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NMES pp 5-111

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Microbiological water samplers (Mikrobiologicheskie
probotoorniki vody)
Gidrobiologicheskii zhurnal, 8(5): 112-118. In Russian.
Transl. by ST for AFS, 1973. pp. 91-95 in "Hydrobiological
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Andreyev, V.L., and V.Ye. Molotkov
The optimum number of samples in study of multicomponent
biological systems (Opredelenie optimal'nogo chisla prob
pri issledovanii mnogokomponentnykh biologicheskikh sistem)
Gidrobiologicheskii zhurnal, 8(5): 118-124. In Russian.

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A method of volume determination of sulfate ions in
natural waters with different degrees of mineralization
(K metodike ob "emnogo opredelenia sulfat-ionov v
prirodnykh vodakh razlichnoi mineralizatsii)
Gidrobiologicheskii zhurnal, 8(5): 124-127. In Russian.
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Kalantyrenko, I.I.
Calculation of the concentration of the blue-green alga
biomass upon setting (raschet sgushchenia biomassy sine-
zelnykh vodorosley pri otstaivanii)
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Original Article Checked.....^{MR}

Kaplan, V.M.

1972

A microaquarium-filter for microplankton samples
(Mikroakvarium-fil'tratov dlia obrabotki prob mikroplanktona)
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Original Article Checked. *MR*

Bugai, K.S., and V.N. Zhukinskii
On his 60th birthday and 40th anniversary of his
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Vladimirov) 1972
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GIDROBIOLOGICHESKIY ZHURNAL, Vol.8, No.6, 1972.
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